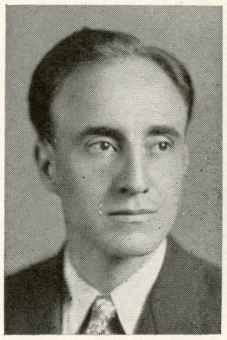
SCHOOL of ENGINEERING of Milwaukee

Radio Club

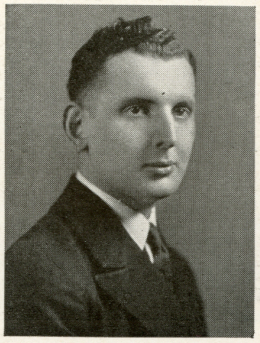
Operating Amateur Radio W9SO

Western Key Station - College Radio Union

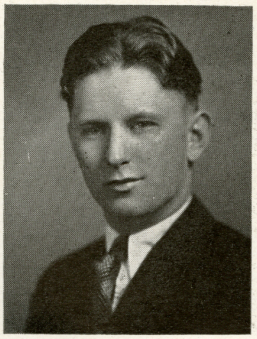
Official Broadcast Station ARRL



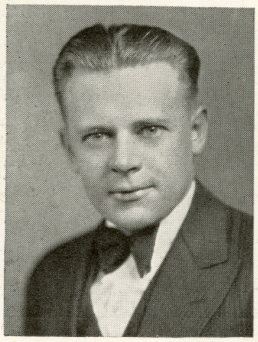
HENRY HARE
Treasurer



EMANUEL IRIVING
Secretary



WILLIAM P. GAINER
Chief Operator
W9SO



MARVIN OLSON
President

RUDY BOZAK
Vice President

Officers 1929 - 1930

ALTHOUGH as a technical society the Radio Club has not been very active in its work this year.

Its activities as the Western Key Station in College Radio Union has attracted a nation wide attraction among amateur radio fans. Through the efforts of Mr. William P. Gainer, the chief operator of W. 9SO and his staff the Western Network of the C.R.U., has been built up until now there are over ten active stations in constant communication with W. 9SO. These activities have been in a form of checker-games, rag chews and regular communication parties between these stations, besides the interchange of college news and the regular communication of college students.

Outside of the interest in the C.R.U., W. 9SO has acted as an official broadcasting station in the American Radio Relay League network. It has had many communications with vessels at sea, especially expeditions traveling in the far corners of the world and has had during this year established contact with twenty-two foreign countries.

At the meetings, which were called about one Wednesday a month, regular code practice would take place with one of the operators in charge. Technical discussions on amateur radio would be next in line and some very interesting meetings were held. With the increase of the number of Radio fans in the school, by next year, W. 9SO should be even greater than now. Although it is now one of the leading college stations in the U. S.

Members 1929 - 1930

J. NELSON, J. KONECNY, P. FASSNACHT, C. JONES, M. OLSON,, E. WENDLER, F. MCGRANN, H. STERMAN, G. SWANSON, R. DINSMORE

W. HOST, H. WEED, R, YORTON, E. BELDIN, R. WALKER, J. WEIKS, H. FITZGERALD, R. SCHMIDT, M. ELLISON, E. BELANGER

J. ANDREWS, E. RICH, W. WRIGHT, M. OLSON, W. GAINER, R. BOZAK, J. NEWMAN, R. GOSKA, M. MARTZ, J. MARZYNISKI

Elsewhere in this text is mentioned that the fellows' Christmas messages were sent to every part of the world through W9SO. The picture at the right shows how the messages were handled by the members of the press office and Chief Operator, Bill Gainer. It also gives you a fairly good view of the operating panels of W9SO. Notice those of the 2,000 communication cards depicted, which plaster the walls of the shack.

THE equipment of W. 9SO has been gathered and built up by the members of the Radio Club under the direction of the chief operator, William P. Gainer, the members are constantly experimenting and have had exceptionally good results in their work.

The Station as goes on the air now is over a high C. Hartley Circuit, operating on 50 watts on 20-40 or 80 meters.

The fellows have it so designed that it can operate at any time through W.I.S.N. directly under whose aerial the amateur station aerial is located, without interfering either in its reception or in the broadcast of W.I.S.N.

A trip through W. 9SO is very interesting to anyone interested in amateur radio work.

Other College Radio Clubs in the League are:

1 W 9S0 School of Engineering of Milwaukee Radio Club Key Station, Western Network Milwaukee, Wisconsin

2 W 2HJ College of City of New York Key Station, Eastern Network New York City

3 W 3ACY George Washington University National Headquarters, C.R.M. Washington, D.C.

4 W 9YC University of Minnesota Minneapolis, Minnesota

5 W 9DTI Iowa State University Ames, Iowa

6 W 9AKL James Milikan University Decatur, Illinois

7 W 54W Louisiana State University Baton Rouge, Louisiana

8 W 9JL University of Kentucky Lexington, Kentucky

9 W 9EHD University of Chicago Chicago, Illinois

10 W 9ACK Manchester College Manchester, Indiana

11 W 8LT Ohio State University Columbus, Ohio

13 W 8CVQ Western State Teachers College Kalamazoo, Michigan

16 W 9Y1 Iowa State College Ames, Iowa

W 2 BNS Union University Schenectady, N. Y.

W 2 BXK Brooklyn Poltechnic Brooklyn, New York

W 3 AUR Haverford College Haverford, Penna.

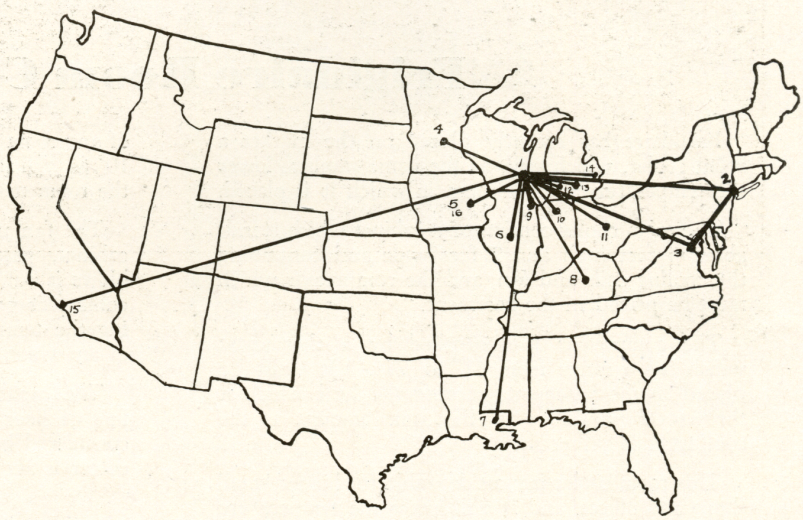
W 3 DH Princeton University Princeton, N. J.

W 3 SR Virginia Military Institute Lexington, Virginia

W 4 HD Duke University Durham, N. C.

W 4 YA Georgia Institute of Technology Atlanta, Georgia

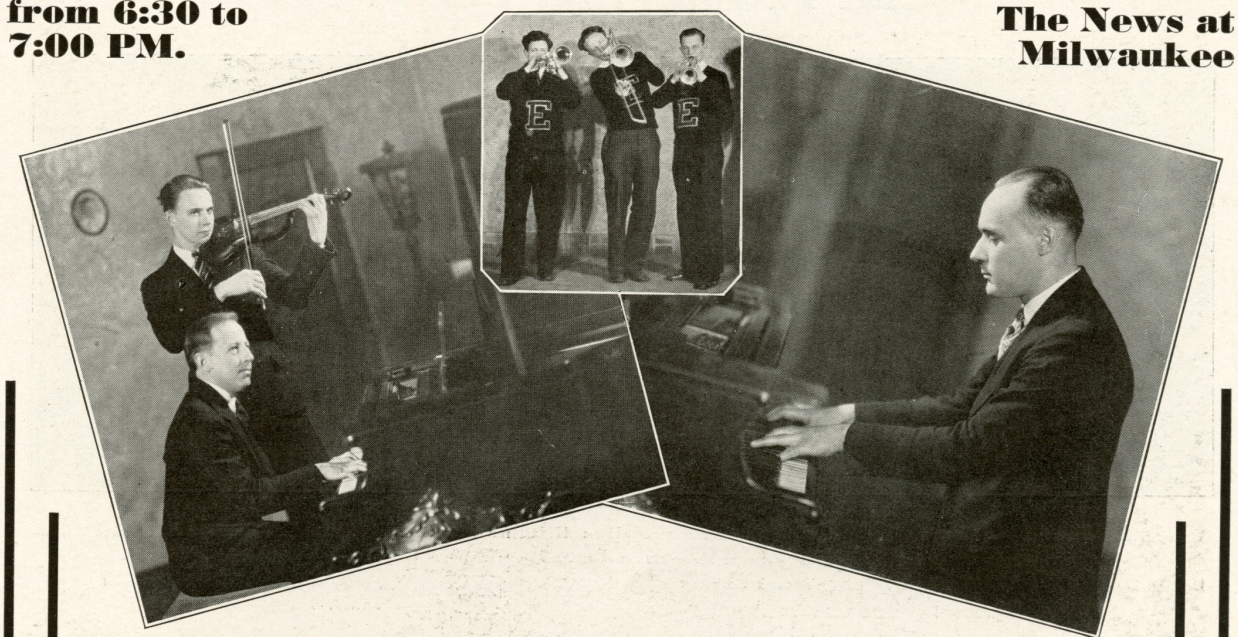
W 8 UA College of City of Detroit Detroit, Michigan



School of Engineering Hour

Every Saturday from 6:30 to 7:00 PM.

over WISN The News at Milwaukee



Each Saturday from 6:30 to 7:00 o'clock the School of Engineering Hour can be heard from WISN the News Station at Milwaukee which is under the Technical Supervision of the School of Engineering. The programs are of a varied nature made up of as much School of Engineering talent as possible. Programs to date have included such entertainment as educational talks on customs of foreign countries by our fellow students from all over the world, talks on education by Dr. John D. Ball, musical entertainment with violin, piano, and vocal solos; wind instrument trios; piano accordian orchestra selections, and much other varied entertainment. On other side of the picture of Dr. Ball on this page will be found names of artists who have appeared on recent programs.

Heard on the S. O. E. Hour

Brass Trio of S.O.E. Band
Carl Horowitz
Floyd Miller
Russ Schmidt

I. C. Fisher
Pianist

Clarence Beholav
Violinist
Accompanied by Walter Hedrich

Mokand Lal Khanna
Sketches on Life of the Far East

Samuel Chan
Life in the Orient

Sandy's Accordian Band
Six Piano Accordians in harmony

Mona Loa Hawaiians
Al Shuma and Larry Berance

Spanish Program
Directed by Robert De Land
Grace Vasconalos, Soprano
Helen Suminski, Accompanists

Swedish Program
Directed by M. Hopplund.

Selections and Sketches
by members of the German Theater Co.

William Wright
Soloist
S.O.E. Student.

"This is John D. Ball wishing you all good night and good luck."

The Station's History

During the year 1922 when Radio Broadcasting first came into its own the School of Engineering built up one of the first stations in Milwaukee, its call letters were WIAO its chief operator Henry Stover, its director F. C. Raeth and its power 100 watts. Since this was the most active station and its programs were of a popular nature it was very popular among amateur radio fans. Morris Thomas, the present chief operator rebuilt the station in 1925 changing it to 500 watts. At this time the large antennae system was installed and the station won a nationwide reputation under the call letters WSOE. It was under the direction of Mr. F. A. Vaughn. After the school moved to its present quarters the direction of programs was taken over by the Wisconsin News and the call letters were changed from WSOE to WISN. The station is under the technical supervision of the school with four of its sons taking care of the technical equipment. Besides the daily features from the News studios there are now over seventy seven chain features each week.